

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000458

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: B66C 13/06**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B66B**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9218416 A1 (HYTÖNEN, KIMMO), 29 October 1992 (29.10.1992), abstract	1-5
A	US 6102221 A (CHRIS XAVIER HABISOHN), 15 August 2000 (15.08.2000), abstract	1-5

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

**22 October 2004**

Date of mailing of the international search report

**25 -10- 2004**

Name and mailing address of the ISA/

Swedish Patent Office

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/FI 2004/000458

WO	9218416	A1	29/10/1992	AT	140206	T	15/07/1996
				AU	655981	B	19/01/1995
				AU	1571792	A	17/11/1992
				BR	9205874	A	05/07/1994
				CA	2107997	A,C	12/10/1992
				DE	69212152	D,T	13/02/1997
				DK	583268	T	28/10/1996
				EP	0583268	A,B	23/02/1994
				SE	0583268	T3	
				ES	2091462	T	01/11/1996
				FI	89155	B,C	14/05/1993
				FI	911757	A	12/10/1992
				GR	3021272	T	31/01/1997
				JP	3132757	B	05/02/2001
				JP	6506655	T	28/07/1994
				KR	193025	B	15/06/1999
				NO	307777	B	29/05/2000
				NO	933631	A	10/12/1993
				RU	2093451	C	20/10/1997
				US	5529193	A	25/06/1996

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US	6102221	A	15/08/2000	US	5960969	A	05/10/1999
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